

# PATENT COOPERATION TREATY

# PCT

## INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference <b>SMC 60599/WO</b>	<b>FOR FURTHER ACTION</b> <small>see Form PCT/ISA/220 as well as, where applicable, item 5 below.</small>	
International application No. <b>PCT/GB2004/000899</b>	International filing date (day/month/year) <b>03/03/2004</b>	(Earliest) Priority Date (day/month/year) <b>20/06/2003</b>
Applicant  <b>AVECIA LIMITED</b>		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

**1. Basis of the report**

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ The international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. ☐ With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, see Box No. I.

2. ☐ **Certain claims were found unsearchable** (See Box II).

3. ☐ **Unity of invention is lacking** (see Box III).

4. With regard to the **title**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box No. IV. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. With regards to the **drawings**,

a. the figure of the **drawings** to be published with the abstract is Figure No. \_\_\_\_\_

☐ as suggested by the applicant.

☐ as selected by this Authority, because the applicant failed to suggest a figure.

☐ as selected by this Authority, because this figure better characterizes the invention.

b. ☒ none of the figures is to be published with the abstract.

## INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/000899

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C09D11/00 C09B45/34

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C09B C09D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	EP 0 902 064 A (HEWLETT PACKARD CO) 17 March 1999 (1999-03-17) cited in the application the whole document -----	1-16
A	DE 37 13 624 A (FUJI PHOTO FILM CO LTD) 5 November 1987 (1987-11-05) page 5 page 10 Synthesebeispiel 2 -----	1-16
A	US 4 273 706 A (CHAPMAN DEREK D ET AL) 16 June 1981 (1981-06-16) examples -----	1-16
A	US 4 207 104 A (CHAPMAN DEREK D ET AL) 10 June 1980 (1980-06-10) examples ----- -/--	1-16

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

\*A\* document defining the general state of the art which is not considered to be of particular relevance

\*E\* earlier document but published on or after the international filing date

\*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

\*O\* document referring to an oral disclosure, use, exhibition or other means

\*P\* document published prior to the international filing date but later than the priority date claimed

\*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

\*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

\*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

\*&amp;\* document member of the same patent family

Date of the actual completion of the international search

11 June 2004

Date of mailing of the international search report

25/06/2004

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## INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB2004/000899

## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	DE 11 50 768 B (HOECHST AG) 27 June 1963 (1963-06-27) column 3, line 59 - column 4, line 13 examples 8,24,31,53,61 -----	1-11
A	EP 1 241 232 A (MITSUBISHI CHEM CORP) 18 September 2002 (2002-09-18) page 2, line 53 - line 56 tables page 3, line 19 -----	1-16
A	& WO 01/48090 A 5 July 2001 (2001-07-05) cited in the application -----	1-16
A	EP 1 270 676 A (MITSUBISHI CHEM CORP) 2 January 2003 (2003-01-02) page 2, line 1 - line 54 tables page 14, line 39 - line 40 -----	1-16
P,A	WO 2004/011562 A (RAGGATT MAIRI ELIZABETH ; AVECIA LTD (GB)) 5 February 2004 (2004-02-05) the whole document -----	1-16
A	GB 974 108 A (HOECHST AG) 4 November 1964 (1964-11-04) page 4, example 3 page 6, example 17 -----	1-11

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2004/000899

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 0902064	A	17-03-1999	US 5980622 A	09-11-1999
			DE 69814271 D1	12-06-2003
			DE 69814271 T2	08-04-2004
			EP 0902064 A1	17-03-1999
			JP 11140367 A	25-05-1999
DE 3713624	A	05-11-1987	JP 2010745 C	02-02-1996
			JP 5075029 B	19-10-1993
			JP 62252483 A	04-11-1987
			DE 3713624 A1	05-11-1987
			US 4824485 A	25-04-1989
US 4273706	A	16-06-1981	US 4204870 A	27-05-1980
US 4207104	A	10-06-1980	NONE	
DE 1150768	B	27-06-1963	NONE	
EP 1241232	A	18-09-2002	EP 1241232 A1	18-09-2002
			US 2003088077 A1	08-05-2003
			WO 0148090 A1	05-07-2001
			JP 2002080765 A	19-03-2002
WO 0148090	A	05-07-2001	EP 1241232 A1	18-09-2002
			WO 0148090 A1	05-07-2001
			JP 2002080765 A	19-03-2002
			US 2003088077 A1	08-05-2003
EP 1270676	A	02-01-2003	JP 2003096323 A	03-04-2003
			EP 1270676 A1	02-01-2003
			US 2003125530 A1	03-07-2003
WO 2004011562	A	05-02-2004	WO 2004011562 A1	05-02-2004
GB 974108	A	04-11-1964	DE 1254119 B	16-11-1967
			CH 376598 A	31-12-1963